

INFORMATION REPORT

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COUNTRY East Germany

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SUBJECT New Type Optometers Developed at Zeiss Jena

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SUPPLEMENT TO 25X1 REPORT NO.

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THIS IS UNEVALUATED INFORMATION

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1. Carl Zeiss, Jena, has developed two new types of optometers that are to be produced and sold during 1953. They have been developed in the department for technical measurement instruments. The Zeiss terminology for the devices is:
 - a) Projektionsoptometer 1 mu mit senkrechtem Ständer (with vertical stand)
 - b) Projektionsoptometer 0.2 mu mit senkrechtem Ständer.
2. The following data are given for the optometers:
 - a) Scale value..... 1 micron
Scale part (on screen)..... 1.6 millimeters
Indication area..... plus or minus 100 microns
Application area..... 180 millimeters
Lifting (Freihub)..... 3 millimeters
Measurement power..... about 120 grams
Length in the clear (Ausladung)..... 75 millimeters
 - b) Scale value..... 0.2 microns
Scale part (on screen)..... 1.6 millimeters
Indication area..... plus or minus 20 microns
Application area..... 180 millimeters
Lifting..... 3 millimeters
Measurement power..... about 120 grams
Ausladung..... 75 millimeters

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